Sequence 94, Appl Sequence 96, Appl Sequence 100, Appl Sequence 102, Appl Sequence 1104, Appl Sequence 110, Appl Sequence 2, Appl Sequence 2, Appli Sequence 2, Appli Sequence 90, Appli Sequence 90, Appli Sequence 90, Appli Sequence 92, Appli Sequence 92, Appli Sequence 92, Appli

Sequence 150, Sequence 152,

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61 VITESYGVQCFSRYPDHMKRHDFFKSAMPEGYVQERIIFFKDDGNYKTRAEVKFEGDTLV 120
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-08-753-143-2
; Sequence 2, Application US/08753143A; GENERAL INFORMATION:
; GENERAL INFORMATION:
; APPLICANT: Tsien, Roger
; TITLE OF INVENTION: MODIFIED GREEN FLUORESCENT PROTEINS; FILE REFERENCE: 07257/032003
; CURRENT APPLICATION NUMBER: US/08/753,143A; CURRENT FILING DATE: 1996-11-20
; NUMBER OF SEQ 1D NOS: 2
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 2
; LENOTH: 238
; TYBE: PRT
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Patent No. 5912137
GENERAL INFORMATION:
APPLICANT: Tsien, Roger Y.
APPLICANT: Cubitt, Andrew B.
TITLE OF INVENTION: Assays for Protein Kinases Using TITLE OF INVENTION: Fluorescent Protein Substrates NUMBER OF SEQUENCES: 48
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ;; Score 1263; DB 1;
Pred. No. 2.3e-123;
3; Mismatches 0;
             US-09-4/72-065h-6
US-09-479-665h-96
US-09-479-665h-96
US-09-479-665h-96
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US-09-479-665h-104
US-09-127-27-2
US-09-127-27-2
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US-09-479-665h-90
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US-09-479-665h-90
US-09-479-665h-90
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US-09-479-665h-90
US-09-479-665h-90
US-09-479-665h-168
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 98.7%;
Matches 235; Conservative 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; ORGANISM: Aequorea victoria
US-08-753-143-2
RESULT 2
US-08-679-865-2
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Appli
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                                                                                                                                                                                                                                                                                                       1263
1 MSKGEELFTGVVPILVELDG......VLLXFVTAAGITHGMDELYK 238
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(c) 1993 - 2005 Compugen Ltd.
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US-08-727-452-2

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US-09-129-192C-74

US-09-602-611-2

US-09-704-463-2
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US-09-023-946B-35
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US-09-121-539-1
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-09-263-975-2
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Maximum Match 100%
Listing first 45 summaries
                                                                                                                          OM protein - protein search, using sw model
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Gapop 10.0 , Gapext 0.5
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seq length: 200000000
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Match Length DB
                                               Copyright
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Minimum DB Maximum DB

Database

Result

Searched:

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Run on:

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Gaps

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Length 238; Indels 9 9

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61 VTTFSYGVQCFSRYPDHMKRHDFFKSAMPEGYVQERTIFFKDDGNYKTRAEVKFEGDTLV 120
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 MSKGEBLFTGVVPILVELDGDVNGHKFSVSGEGEGDATYGKLTLKFICTTGKLPVPWPTL 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     181 HYQQNTPIGDGPVLLPDNHYLSTQSALSKDPNEKRDHMVLLXFVTAAGITHGMDELYK 238
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Sequence 2, Application US/08792553

Patent No. S981200

GENERAL INFORMATION:

APPLICANT: Taien, Roger Y.

APPLICANT: Heim, Roger

TITLE OF INVENTION: Tandem Fluorescent Protein Constructs

NUMBER OF SEQUENCES: 25

CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Indels
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COMPUTER READABLE FORM:
MEDIUM TYPE: RIOPY disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURSINICATION NUMBER: US/08/792,553
FILING DATE: 31-JAN-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Lisa A. Haile, Ph.D.
REGISTRATION NUMBER: 38,347
REGISTRATION NUMBER: 38,347
REGISTRATION NUMBER: 07257/041001/UC 96-160-2
TELEPHONE: 619-678-5070
                                                                                                                                                                                                                                                                                                                                                                                                                                                       Pred. No. 2.3e-123;
3; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       AUDRESS:
AUDRESS:
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
STATE: California
COUNTRY: USA
         ATTOCNEY NUMBER: US/08/680,876
FILING DATE: 16-JUL-1996
CLASSIPICATION: 435
ATTOCNEY/AGENT INFORMATION:
NAME: Storella, John S.
REGISTATION NUMBER: 023072-0692
REFERENCE/DOCKET NUMBER: 033072-0692
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEPHONE: (415) 576-0300
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                 100.0%;
98.7%; F
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amino acid
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Best Local Similarity 98.7'
Matches 235; Conservative
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: protein US-08-680-876-2
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Patent No. 5925558
GENERAL INFORMATION
APPLICANT: Talen, Roger Y.
TILLE OF INVENTION: Assays for Protein Kinases Using
TITLE OF INVENTION: Assays for Protein Kinases Using
TITLE OF INVENTION: Pluorescent Protein Substrates
NUMBER OF SEQUENCES: 48
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Indels
                                                                                                                                                                                                                    CURRENT APPLICATION DATA:
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/679,865
FILING DATE: 16-JUL-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Storella, John S.
REGISTRATION NUMBER: 023072-069000
TELEPRATION NUMBER: 023072-069000
TELEPRATION NUMBER: 023072-069000
TELEPRATION INFORMATION:
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TELEPRATION INFORMATION:
TELEPRATION INFORMATION:
TELEPRATION 1000
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 238 amino acids
TYPE: amino acids
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            100.0%; Score 1263; DB 2; 98.7%; Pred. No. 2.3e-123; tive 3; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NEE: Townsend and Townsend and Crew LLP Two Embarcadero Center, Eighth Floor San Francisco
Townsend and Townsend and Crew LLP
                        Two Embarcadero Center, Eighth Floor
                                                                                                            ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-nocomparts
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Best Local Similarity 98.7°
Matches 235; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: protein
                                         San Francisco
California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ) FIGURE 1
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                                                                                         COUNTRY:
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61 VITXSYGVQCFSRYPDHMKRHDFFKSAMPEGYVQERIIFFKDDGNYKTRAEVKFEGDTLV 120
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US-09-094-359-2
; Sequence 2, Application US/09094359
; Sequence 2, Application US/09094359
; Patent No. 61401100:
; GENERAL INFORMATION:
; APPLICANT: Taien, Roger Y.
; APPLICANT: Llopis, June
; TITLE OF INVENTION: FLUORESCENT PROTEIN SENSORS FOR
; TITLE OF INVENTION: MEASURING THE PH OF A BIOLOGICAL SAMPLE
; TITLE OF INVENTION: MEASURING THE PH OF A BIOLOGICAL SAMPLE
; TITLE OF INVENTION: MEASURING THE PH OF A BIOLOGICAL SAMPLE
; TITLE OF INVENTION: MEASURING THE PH OF A BIOLOGICAL SAMPLE
; TILE REPERBACE: 1729/0001
; CURRENT FILING DATE: 1998-06-09
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 238
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  100.0%; Score 1263; DB 3; Length 238; Similarity 98.7%; Pred. No. 2.3e-123; 35; Conservative 3; Mismatches 0; Indels 0;
                                       , Score 1263, DB 3; Length 238; Pred. No. 2.3e-123; 3; Mismatches 0; Indels 0
                                                                                                                                1 MSKGEELFTGVVPILVELDGDVNGHKFSVSGEGEGDATYGKLTLKFICT
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                                          100.0%;
98.7%; I
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US-09-094-359-2
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APPLICANT: Miyawaki, Atsushi
APPLICANT: Llopis, Juan
                                                               Best Local Similarity 98.7
Matches 235, Conservative
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Best Local Similarity 98.7
Matches 235; Conservative
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US-09-172-063-2
US-08-753-144-2
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APPLICANT: Telen, Roger Y.
APPLICANT: Helm, Roger Y.
TITLE OF INVENTION: MODIFIED GREEN FLUORESCENT PROTEINS
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
STATE: CA
CONDUTER: CA
CONDUTER: BADABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: BADABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: BADABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: BASTERN: Windiaws95
COMPUTER: PastSEQ for Windows Version 2.0
COMPUTER: PastSEQ for Windows Version 2.0
COMPUTER: STATE: 10000-1996
STATE: APPLICATION NUMBER: 08/727,452
FILING DATE: 10-007-1996
APPLICATION NUMBER: 08/37,915
FILING DATE: 10-007-1994
ATTORNEY/AGENT INFORMATION:
MARE: Halle, Lisa A.
REFERENCE/DOCKET NUMBER: 07257/032002
TELEPAX: 619/678-5099
INFORMATION POR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 238 amino acids
TTELEPAX: 138 amino acids
TOTALLOWN: 139 amino acids
TTELEPAX: 110 acids
TOTALLOWN: 130 amino acids
TOTALLOWN: 130 amino acids
TTELEPAX: 131 amino acids
                                                                                                                                                                                               Indels
                                                                                                                                                     Query Match
100.0%; Score 1263; DB 2;
Best Local Similarity 98.7%; Pred. No. 2.3e-123;
Matches 235; Conservative 3; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 2, Application US/08753144 Patent No. 6066476
; SEQUENCE CHARACTERISTICS:
; LENGTH: 238 amino acids
; TYPE: amino acid
TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-792-553-2
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US-08-753-144-2
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US-08-727-452-2
; Sequence 2, Application US/08727452A
; Sequence 2, Application US/08727452A
; Patent No. 6319669;
; Patent No. 6319669;
; Patent Information:
; APPLICANT: Taian, Roger Y.
; APPLICANT: Heim, Roger Y.
; TILLE OF INVENTION: FLUORESCENT PROTEIN SENSORS FOR DETECTION OF ANALYTES
; FILE REPERENCE: 07257/032001
; CURRENT APPLICATION NUMBER: US/08/727,452A
; CURRENT FILING DATE: 1996-03-20
; EARLIER FILING DATE: 1995-11-13
; EARLIER FILING DATE: 1994-11-10
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: FastSEQ for Windows Version 3.0
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                                                                                                                                                                                       Query Match 100.0%; Score 1263; DB 3; Best Local Similarity 98.7%; Pred. No. 2.3e-123; Matches 235; Conservative 3; Mismatches 0;
         INFORMATION FOR SEQ ID NO: 2
SEQUENCE CHARACTERISTICS:
LENGTH: 238 amino acids
TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; TYPE: PRT
; ORGANISM: Aequorea victoria
US-08-727-452-2
                                                                                                                          , MOLECULE TYPE: protein US-09-263-975-2
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LENGTH: 238
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           APPLICANT: Remington, S. James
TITLE OF INVENTION: FLUCRESCENT PROTEIN SENSORS FOR
TITLE OF INVENTION: MEASURING THE PH OF A BIOLOGICAL SAMPLE
FILE REFERENCE: 07257/071001
CURRENT APPLICATION NUMBER: US/09/172,063
CURRENT FILING DATE: 1998-10-13
FARLIER APPLICATION NUMBER: 09/094,359
EARLIER FILING DATE: 1998-06-09
NUMBER OF SEQ ID NOS: 38
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 2
LENGTH: 238
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Patent No. 6248550

CENERAL INFORMATION:
APPLICANT: Tsien, Roger Y.
APPLICANT: Cubitt, Andrew B.
TITLE OF INVENTION: Assays for Protein Kinases Using TITLE OF INVENTION: Fluorescent Protein Substrates NUMBER OF SEQUENCES: 48
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Version #1.30
                                                                                                                                                                                                                                                                                                                                                                         ; Score 1263; DB 3;
Pred. No. 2.3e-123;
3; Mismatches 0;
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APPLICATION NUMBER: US 08/679,865
FILING DATE: 16-JUL-1996
ATTORNEY/AGENT INFORMATION:
NAME: Scorella, John S.
REGISTRATION NUMBER: 32,944
REFERENCE/DOCKET NUMBER: 02307Z-069000
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Pacentin Release #1.0, Ver
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,975
                                                                                                                                                                                                                                                                                                                                                                         h
Similarity 98.7%;
Wachter, Rebekka M.
                                                                                                                                                                                                                                                                                                        ; ORGANISM: Aequorea victoria
US-09-172-063-2
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CLASSIFICATION:
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US-09-263-975-2
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Best Local 8
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Gaps

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APPLICANT: Aurora Biosciences Corporation
APPLICANT: Aurora Biosciences Corporation
APPLICANT: Cubitt, Andrew B.
TITLE OF INVENTION: Fluorescent Sensors of Post-Translational Modifications
FILE REPRENCE: AUROL270 (08366/031001)
CURRENT APPLICATION NUMBER: US/09/129,192C
CURRENT FILING DATE: 1998-07-24
NUMBER OF SEQ ID NOS: 74
SOFTWARE: Patentin version 3.0
SEQ ID NO 74
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    Gaps
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APPLICANT: Miyawaki, Atsushi
APPLICANT: Miyawaki, Atsushi
APPLICANT: Llopis, Juan
APPLICANT: Wachter, Rebekka M.
APPLICANT: Remington, S. James
TITLE OF INVENTION: FLUORESCENT PROTEIN SENSORS FOR
TITLE OF INVENTION: MEASURING THE PH OF A BIOLOGICAL SAMPLE
FILE REPERBURE: 07257/071001
CURRENT APPLICATION NUMBER: US/09/602,641
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Pred. No. 2.3e-123;
3; Mismatches 0;
    3, Mismatches
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Best Local Similarity 98.7%; |
Matches 235; Conservative 3.
    Matches 235; Conservative
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US-09-602-641-2
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Patent No. 6495664

GRNEAL INFORMATION:
APPLICANT: Autora Biosciences Corporation
APPLICANT: Autora Biosciences Corporation
APPLICANT: Cubitt, Andrew B.
TITLE OF INVENTION: Fluorescent Protein Sensors of Post-Translational Modifications
FILE REPRENCE ANDRER: US/09/129, 192C
CURRENT APPLICATION NUMBER: US/09/129, 192C
CURRENT FILING DATE: 1998-07-24
NUMBER OF SEQ ID NOS: 74
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2
LENGTH: 238
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                                                                                                         APPLICANT: Fisher, Hugh
APPLICANT: Fisher, Hugh
TITLE OF INVENTION: Tapidly Greening, Low Oxygen Mutant of
TITLE OF INVENTION: The Aegucrea victoria Green Fluorescent Protein
FILE REFERENCE: Rutc 99-0011
CURRENT APPLICATION NUMBER: US/09/418,785
CURRENT FILING DATE: 1999-10-15
PRIOR APPLICATION NUMBER: 60/104,563
PRIOR FILING DATE: 1998-10-16
NUMBER OF SEQ ID NOS: 3
SOFTWARE: FastSEQ for Windows Version 4.0
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FUBLICATION INFORMATION:
ATTHORS: Prasher, D.C. et al.
TITLE: Primary structure of the Aequorea victorea green-f
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98.7%; Pred. No. 2.3e-123;
tive 3; Mismatches 0;
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; DATABASE ENTRY DATE: 1993-04-26
US-09-418-785-1
                                                                Sequence 1, Application US/09418785
; Patent No. 6414119
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Best Local Similarity 98.7
Matches 235; Conservative
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Best Local Similarity
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ORGANISM: Aequorea
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DATE: 1992-01-01
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US-09-129-192C-2
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US-09-418-785-1
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Best Local Similarity
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US-08-337-915A-2
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Sequence 2, Application US/09704463
Fatent No. 662743
GABERAL INFORMATION:
APPLICANT: Taien, Roger Y.
APPLICANT: Llopis, Juan
TITLE OF INVENTION: FLUORESCENT PROTEIN SENSORS FOR
TITLE OF INVENTION: MEASURING THE PH OF A BIOLOGICAL SAMPLE
FILE REFERENCE: 07257/067001
CURRENT APPLICATION NUMBER: US/09/704,463
CURRENT FILING DATE: 2000-10-31
PRIOR RPPLICATION NUMBER: 09/094,359
PRIOR FILING DATE: 1998-06-09
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                                                                                                                                                                                                                          Length 238;
                                                                                                                                                                                                                                                                  Indels
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Pred. No. 2.3e-123;
3; Mismatches 0.
        CURRENT FILING DATE: 2000-06-22
PRIOR APPLICATION NUMBER: 09/172,063
PRIOR FILING DATE: 1998-10-13
NUMBER OF SEQ ID NOS: 38
SOFTWARE: FRSISEQ for Windows Version 4.0
SEQ ID NO 2
LENGTH: 238
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SOFTWARE: FastSEQ for Windows Version 4.0
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Similarity 98.7%;
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; ORGANISM: Aequorea victoria
US-09-602-641-2
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US-09-704-463-2
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Best Local Similarity 98.7
Matches 235; Conservative
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LENGTH: 238
TYPE: PRT
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US-09-704-463-2
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                                                                              APPLICANT: Taien, Roger Y.
APPLICANT: Heim, Roger
TITLE OF INVENTION: MODIFIED GREEN FLUORESCENT PROTEINS
NUMBER OF SEQUENCES:
CORRESPONDENCES:
ADDRESSEE: Robbins, Berliner & Carson
STREET: 201 No. 5625048th Figueroa Street, Suite 500
CITY: Los Angeles
STATE: California
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                           ZIP: 90012
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/337,915A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 1259; DB 1;
Pred. No. 6e-123;
4; Mismatches 0;
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ne : 44 secs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATE

FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Spitals, John P.
REGISTRATION NUMBER: 29,215
REFERENCE/DOCKET NUMBER: 1279-
TELECOMMUNICATION INFORMATION:
TELEFAX: (213) 977-1001
; Sequence 2, Application US/08337915A
; Patent No. 5625048
; GENERAL INFORMATION:
```

Sequence 2, Appli Sequence 2, Appli Sequence 2, Appli Sequence 10, Appli

US-10-757-624-4 US-09-920-922-4 US-09-852-000-1 US-09-900-345A-125

Sequence 6 Sequence 1 Sequence 1

Sequence 159, Sequence 8, Ap Sequence 1, Ap Sequence 10

Sequence

Sequence Sequence Sequence

US-09-866-538-2 US-09-794-308-2 US-10-121-258-10 US-10-121-258-10 US-10-305-765-10 US-10-305-765-10 US-10-305-633-10 US-10-305-633-10 US-10-305-633-10 US-10-305-633-10 US-10-305-633-10 US-10-305-633-10 US-10-305-633-10 US-10-305-633-10 US-10-305-633-10 US-10-688-168-4 US-10-688-168-2 US-10-688-168-2 US-10-688-168-2 US-10-688-168-2 US-10-688-168-6 US-10-688-168-6 US-10-688-168-6 US-10-688-168-6 US-10-688-168-6 US-10-688-168-6 US-10-688-168-6 US-10-688-168-6 US-10-688-168-6 US-10-345-484-65 US-10-688-168-6 US-10-688-168-6 US-10-688-168-6 US-10-688-168-6 US-10-688-168-6 US-10-688-168-6 US-10-688-168-6 US-10-688-168-6 US-10-345-44-64

Appli Appli

Sequence

Sequence Sequence Sequence Sequence Sequence Sequence Sequence

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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: PROPY disk
COMPUTER: THW PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATE:
APPLICATION NUMBER: US/09/884,681
FILING DATE: 19-Jun-2001
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Tsien, Roger Y.
Cubitt, Andrew B.
TITLE OF INVENTION: Assays for Protein Kinases Using Fluorescent Protein Substrates
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES: 48
CORRESONDENCE ADDRESS:
STREET: Two Embarcadero Center, Eighth Floor
STREET: Two Embarcadero Center, Eighth Floor
STATE: Call fornia
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/679,865
ATTORNEY/AGENT INFORMATION:
NAME: SLOTELIA, John S.
REGISTRATION NUMBER: 32,944
REPERROCE/DOCKET NUMBER: 023072-069000
TELECOMMUNICATION INFORMATION:
TELECHENOR: (415) 576-0200
TELEFRAX: (415) 576-0300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 2, Application US/09884681
Patent No. US20020061546A1
GENERAL INFORMATION:
; Search time 145 Seconds (without alignments) 590.450 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 2, 1
Sequence 3, 1
Sequence 34, Sequence 4, 1
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                                                                                                                                                                                      1263
1 MSKGEELFTGVVPILVELDG......VLLxFVTAAGITHGMDELYK 238
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Sequence 2
Sequence 2
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1: \cgn2_6/ptodata/2/pubpaa/USO7_PUBCOMB.pep:*
2: \cgn2_6/ptodata/2/pubpaa/PCT_MRW_PUB_pep:*
2: \cgn2_6/ptodata/2/pubpaa/PCT_MRW_PUB_pep:*
4: \cgn2_6/ptodata/2/pubpaa/USO6_NEW_PUB_pep:*
5: \cgn2_6/ptodata/2/pubpaa/USO6_NEW_PUB_pep:*
6: \cgn2_6/ptodata/2/pubpaa/USO7_NEW_PUB_pep:*
7: \cgn2_6/ptodata/2/pubpaa/USO8_NEW_PUB_pep:*
8: \cgn2_6/ptodata/2/pubpaa/USO8_NEW_PUB_pep:*
9: \cgn2_6/ptodata/2/pubpaa/USO8_NEW_PUB_pep:*
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11: \cgn2_6/ptodata/2/pubpaa/USO9_PUBCOMB_pep:*
12: \cgn2_6/ptodata/2/pubpaa/USO9_PUBCOMB_pep:*
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17: \cgn2_6/ptodata/2/pubpaa/USO0_PUBCOMB_pep:*
18: \cgn2_6/ptodata/2/pubpaa/USO0_PUBCOMB_pep:*
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18: \cgn2_6/ptodata/2/pubpaa/USO0_PUBCOMB_pep:*
19: \cgn2_6/ptodata/2/pubpaa/USO0_PUBCOMB_pep:*
              GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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US-09-967-301-3
US-10-057-508-2
US-10-293-580-2
US-10-293-580-4
US-10-457-982-2
US-10-724-178-2
US-10-757-624-3
US-10-757-624-3
US-10-757-624-3
US-10-757-624-3
US-10-845-936A-34
US-09-967-301-4
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                                                                                                                                                                                                                                                                              1599051 seqs, 359727711 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-884-681-2
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                                                                                                                                                                                                                                                                                                                                                                                         Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                           OM protein - protein search, using sw model
                                                                                                          January 3, 2005, 14:27:12
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 200000000
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1260
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RESULT 4
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                                                                                                                                                                                                                                Length 238;
                                                                                                                                                                                                                                                                               Indels
                                                                                                                                                                                                                             100.0%; Score 1263; DB 9; 98.7%; Pred. No. 7.4e-112;
                                                                                                                                                                                                                                                                               3; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gequence 2, Application US/09967301
| Publication No. US20030175859A1
| GENERAL INFORMATION:
| APPLICANT: Stubbs, Simon L.
| APPLICANT: Stubbs, Simon L.
| APPLICANT: Jones, Anne E.
| APPLICANT: Thomas, Nicholas |
| TITLE OF INVENTION: Fluorescent Proteins |
| FILE REFERENCE: PAOLII
| CURRENT APPLICATION NUMBER: US/09/967,301 |
| CURRENT FILING DATE: 2001-09-28 |
| PRIOR APPLICATION NUMBER: GB 0109858.1 |
| PRIOR APPLICATION NUMBER: GB 0109858.1 |
| PRIOR FILING DATE: 2001-04-23 |
| PRIOR FILING DATE: 2001-04-23 |
| PRIOR FILING DATE: 201-04-23 |
| NUMBER OF SEQ ID NOS: 19 |
                                                                                              TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 2:
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 238 amino acida
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Aequorea victoria
US-09-967-301-2
                                                                                                                                                                                                                                                       Best Local Similarity 98.79
Matches 235; Conservative
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LENGTH: 238
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61 VTTXSYGVQCFSRYPDHMKRHDFFKSAMPEGYVQERTIFFKDDGNYKTRAEVKFEGDTLV 120
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                181 HYQQNTPIGDGPVLLPDNHYLSTQSALSKDPNEKRDHMVLLXFVTAAGITHGMDELYK 238
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ) OTHER INFORMATION: Description of Artificial Sequence: synthetic; OTHER INFORMATION: protein US-09-967-301-3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    100.0%; Score 1263; DB 10; Length 238; 98.7%; Pred. No. 7.4e-112; tive 3; Mismatches 0; Indels 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 2, Application US/10024686
; Publication No. US20020123113A1
; GENERAL INFORMATION:
; APPLICANT: Talen, Roger Y.
; TITLE OF INVENTION: MODIFIED GREEN FLUORESCENT PROTEINS
; NUMBER OF SEQUENCES: 5; CORRESPONDENCES. 5; CORRESPONDENCE ADDRESSE: Fish & Richardson P.C.
; STREET: 4225 Executive Square, Suite 1400
; STATE: CA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/10/024,686 FILING DATE: 17-Dec-2001 PRIOR APPLICATION DATA:
Sequence 3, Application US/09967301
Publication No. US2003017585941
GENERAL INFORMATION:
APPLICANT: Stubbs, Simon L.
APPLICANT: Gross, Anne E.
APPLICANT: Thomas, Nichael, Nigel P.
APPLICANT: Thomas, Nichael P.
APPLICANT: Thomas, Nichael P.
TITLE OF INVENTION: Fluorescent Proteins
FILE REFERENCE: PA0111
CURRENT APPLICATION NUMBER: US/09/967,301
CURRENT FILING DATE: 2001-09-28
PRIOR APPLICATION NUMBER: GB 0109858.1
PRIOR APPLICATION NUMBER: GB 0109858.1
PRIOR APPLICATION NUMBER: GB 0109858.1
SEQ OFTWARE: PATENT VOT: 2.1
SEQ ID NO 3
LENGTH: 238
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MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 98.7%
Matches 235; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 92037
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Pred. No. 7.4e-112;

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Best Local Similarity 98.7'
Matches 235; Conservative
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US-10-293-580-2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NRIELKGIDFKEDGNILGHKLEYNYNSHNVYIMADKQKNGIKVNFKIRHNIEDGXVQLAD 180
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Sequence 2, Application US/10057505;
Publication NO. USZO020164674A1
GENERAL INFORMATION:
APPLICANT: THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
APPLICANT: THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
APPLICANT: TSIEN, ROGER
APPLICANT: HEIM, ROGER
APPLICANT: HEIM, ROGER
APPLICANT: HEIM, ROGER
APPLICANT: HEIM, SOGER
APPLICANT: OUNTION: TANDEM FLUORESCENT PROTEIN CONSTRUCTS
FILE REFERENCE: REGENIZ60-3
CURRENT FILING DATE: 1997-01-31
PRIOR APPLICATION NUMBER: US 08/792,553
PRIOR APPLICATION NUMBER: US 08/792,553
PRIOR APPLICATION NUMBER: US 09/396,003
PRIOR APPLICATION NUMBER: US 09/396,003
SPIOR FILING DATE: 1999-09-13
NUMBER OF SEQ ID NOSE: 31
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               DB 13;
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Pred. No. 7.4e-112;
3; Mismatches 0;
                                                                                                                                                                                   NAME: Haile, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07257/032002
TELECOMMUNICATION INFORMATION:
                                     APPLICATION NUMBER: 08/727,452
FILING DATE: 10-OCT-1996
APPLICATION NUMBER: USS5/14692
FILING DATE: 13-NOV-1995
APPLICATION NUMBER: 08/337,915
FILING DATE: 10-NOV-1994
APPLICATION NUMBER: 09/057,995
FILING DATE: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear
MOLECULE TYPE: protein
FRAGMENT TYPE: internal
SEQUENCE DESCRIPTION: SEQ ID NO: 2:
                                                                                                                                                                                                                                                                             TELEPHONE: 619/678-5070
                                                                                                                                                                                                                                                                                                                                                              LENGTH: 238 amino acids TYPE: amino acid
                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                               TELEFAX: 619/678-5099
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Best Local Similarity 98.7%; Matches 235; Conservative 3;
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SEQUENCE CHARACTERISTICS
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ORGANISM: Aequorea victoria
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US-10-057-505-2
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100.0%; Score 1263; DB 13; Length 238;

Query Match

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APPLICANT: Automatic Blosciences Corporation
APPLICANT: Cubit, Andrew B.
TITLE OF INVENTION: Fluorescent Protein Sensors of Post-Translational Modifications
FILE REFERENCE: AURO1270 (08366/031001)
CURRENT APPLICATION NUMBER: US/10/233,580
CURRENT FILING DATE: 2002-11-12
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Pred. No. 7.4e-112;
3; Mismatches 0; Indels 0:
Indels
3; Mismatches
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98.7%; E
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Best Local Similarity 98.73
Matches 235; Conservative
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US-10-293-580-2
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Sequence 2, Application US/10724178

Publication No. US20040137528A1

GENERAL INFORMATION:

APPLICANT: Odyssey Thera, Inc.

APPLICANT: MacDonald, Marnie

APPLICANT: OONPLEMENTS OF FLUORESCENT PROTEINS FOR PROTEIN-FRAGMENT

TITLE OF INVENTION: CONPLEMENTATION ASSAYS

FILE REFERENCE: ODDYOO7

FILE REFERENCE: ODDYOO7

CURRENT APPLICATION NUMBER: US/10/724,178

CURRENT FILING DATE: 2003-12-01

PRIOR FILING DATE: 2003-04-09

MINIOR FILING DATE: 2003-04-09
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SOFTWARE: PatentIn version 3.0
SEQ ID NO 2
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US-10-724-178-2
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US-10-757-624-2
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Matches 23
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US-10-293-580-74
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GENERAL INFORMATION:
APPLICANT: Taien, Roger Y.
APPLICANT: Taien, Roger Y.
APPLICANT: Myawaki, Ateushi
APPLICANT: Myawaki, Ateushi
APPLICANT: Machter, Rebekka M.
APPLICANT: Remindton, S. James
TITLE OF INVENTION: FLOORESCENT PROTEIN SENSORS FOR
TITLE OF INVENTION: MASSURING THE PH OF A BIOLOGICAL SAMPLE
FILE REFERENCE: 07257/071001
CURRENT APPLICATION NUMBER: US/10/457,982
CURRENT FILING DATE: 2003-06-09
PRIOR PILING DATE: 2000-06-22
PRIOR FILING DATE: 1998-10-13
PRIOR FILING DATE: 1998-10-13
NUMBER OF SEQ ID NOS: 38
SOFTWARE: FastSEQ for Windows Version 4.0
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Pred. No. 7.4e-112;
3; Mismatches 0;
PRIOR APPLICATION NUMBER: US/09/129,192
PRIOR FILING DATE: 1998-07-24
NUMBER OF SEQ ID NOS: 74
SEQ ID NO 74
LENGTH: 238
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Publication No. US20030212265A1
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Best Local Similarity 98.7%; I
Matches 235; Conservative 3;
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178-10-457-982-2
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LENGTH: 238
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3; Mismatches
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Publication No. US20040138420A1

GENERAL INFORMATION:

APPLICANT: Stubbs, Simon L. J.

APPLICANT: Jones, Anne E.

APPLICANT: Michael, Nigel P.

APPLICANT: Michael, Nigel P.

APPLICANT: Michael, Nigel P.

APPLICANT: Michael, Nigel P.

TILE REFERENCE: PA0111

CURRENT APPLICATION NUMBER: US/10/757,624

CURRENT APPLICATION NUMBER: US/967,301

PRIOR APPLICATION NUMBER: GB 0109858.1

PRIOR FILING DATE: 2001-09-28

PRIOR FILING DATE: 2001-04-23

NUMBER OF SEQ ID NOS: 19

SOFTWARE: PatentIn version 3.2

SEQ ID NO 3.
                                                        Query Match 100.0%; Score 1263; Best Local Similarity 98.7%; Pred. No. 7.46 Matches 235; Conservative 3; Mismatches
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Matches 235; Conservative
; ORGANISM: Aequorea victoria
US-10-757-624-2
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; OTHER INFORMATION: GPP-SELP47K: silk, elastin and green fluorescent protein peptidee US-10-845-936A-34
                                                                                                       APPLICANT: Cuevas, William A. APPLICANT: Cuevas, William A. APPLICANT: Cuevas, William A. APPLICANT: Kumar, Manoj A. TITLE OF INVENTION: Repeat Sequence Protein Polymer Active Agent Conjugates, Methods TITLE OF INVENTION: and Uses FILE REFERENCE: DOCO068PA/DC5058/GC792
CURRENT APPLICATION NUMBER: US/10/845,936A
CURRENT APPLICATION NUMBER: 60/470,464
PRIOR APPLICATION NUMBER: 60/470,464
PRIOR FILING DATE: 2003-05-14
NUMBER: OF SEQ ID NOS: 37
SOFTWARE: Patentin version 3.2
SEQ ID NO 34
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Pred. No. 6.4e-111;
3; Mismatches 0;
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APPLICANT: Stubbs, Simon L.
APPLICANT: Jones, Anne E.
APPLICANT: Michael, Nigel P.
APPLICANT: Thomas, Nicholas
TITLE OF INVENTION: Fluorescent Proteins
FILE REFERENCE: PA0111
CURRENT APPLICATION NUMBER: US/09/967,301
CURRENT FILING DATE: 2001-09-28
FRIOR FILING DATE: 2001-04-23
NUMBER OF SEQ ID NOS: 19
SOFTWARE: PatentIn Ver. 2.1
SENGTH: 238
Sequence 34, Application US/10845936A
Publication No. US20040234609A1
GENERAL INFORMATION:
APPLICANT: Collier, Katherine D.
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Best Local Similarity 98.7%; | Matches 235; Conservative 3.
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Sawano, Asako
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99.8%; Score 1260; DB 16;
Best Local Similarity 98.3%; Pred. No. 1.4e-111;
Matches 234; Conservative 4; Mismatches 0;
 4; Mismatches
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APPLICANT: Stubbs, Simon L. J.
APPLICANT: Jones, Anne E.
APPLICANT: Jones, Anne E.
APPLICANT: Thomas, Nicholas
TITLE OF INVENTION: Fluorescent Proteins
FILE REFERENCE: PAOLIJI
CURRENT FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US/967,301
PRIOR APPLICATION NUMBER: US/967,301
PRIOR APPLICATION NUMBER: GB 0109858.1
PRIOR PILING DATE: 2001-09-28
PRIOR PILING DATE: 2001-09-28
SEQIEMARE: PALCH 19
SEQIEMARE: PALCH 19
SEQIEMARE: PALCH 19
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Publication No. US20040138420A1
GENERAL INFORMATION:
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 234; Conservative
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; Sequence 4, Application US/09920922; Patent No. US20020083488A1; GENERAL INFORMATION:

RESULT 15 US-09-920-922-4 APPLICANT: Miyawaki, Atsushi

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61 VITXSYGVQCFSRYPDHMKRHDFFKSAMPEGYVQERTIFFKDDGNYKTRAEVKFEGDTLV 120
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Pred. No. 1.8e-111;
4; Mismatches 0;
TITLE OF INVENTION: METHOD FOR MUTAGENESIS FILE REFERENCE: 11283-012001
CURRENT APPLICATION NUMBER: US/09/920,922; CURRENT FILING DATE: 2001-08-02; PRIOR APPLICATION NUMBER: UP 2000-237166; NUMBER OF SEQ ID NOS: 9
SEQ ID NO 4
METHOD FOR MUTAGENESIS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  completed: January 3, 2005, 14:42:08
                                                                                                                                                                                                                                                                                                         99.78;
                                                                                                                                                                                                                                      , ORGANISM: Aequorea victoria
US-09-920-922-4
                                                                                                                                                                                                                                                                                                                                  Best Local Similarity 98.3
Matches 234; Conservative
                                                                                                                                                                                                                                                                                                                               Similarity
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